

EPA Ground Water Post-Assessment

Directions: For each of the following questions, fill in the dot next to the correct answer.

1. What percent of earth's water is found in oceans as salt water?
☐ A. 87%
☐ B. 99%
☐ C. 97%
☐ D. 55%
2. Where does drinking water come from?
☐ A. Desalinated water from the ocean
☐ B. ground water such as wells and springs
☐ C. surface water such as lakes, rivers, and reservoirs
☐ D. answers b and c
3. What percent of the earth's water is available for human daily use?
☐ A. 1%
☐ B. 15%
☐ C. 25%
☐ D. 88%
4. Where does waste water go once it leaves your home?
☐ A. it is rerouted to local streams, rivers, and lakes
☐ B. through waste water pipes, buried underground that lead to a septic tank, which acts as an on-site sewage treatment and disposal system
☐ C. through waste water pipes that are connected to sewer lines which lead to waste water treatment plants
☐ D. answers b and c
5. What percent of earth's water is stored as fresh water in glaciers, ice caps, and snowy mountain ranges?
☐ A. 65%
☐ B. 6%
☐ C. 2%
☐ D. 99%
6. How many gallons of water does an average four person family use each day?
☐ A. 500
☐ B. 1500
☐ C. 100
☐ D. 40
7. Eventually, all treated and cleaned waste water seeps or is discharged into ground or surface water.
☐ A. True
☐ B. False
☐ C. Not enough information
☐ D. A and b
8. List at least 5 ways that you use water each day.

9. Where are fresh water supplies stored?
☐ A. the soil (aquifers)
☐ B. bedrock fractures beneath the ground (ground water)
☐ C. in lakes, rivers, streams, and the earth's surface (surface water)
☐ D. all of the above

Directions: Answer each question with at least five sentences. All sentences must be complete and easily understood. Write only on the lines provided.

1. Why isn't all fresh water available for human use?

2. If ground water becomes polluted, what impact will that have on surface water?

3. Why is it important for humans to take care of the surface water/ ground water that is available?

Extended Constructed Response:

Directions: Write a persuasive friendly letter to either a family member or to the school newspaper. In this letter, you need to persuade your reader that conserving water is important. Be sure to give your reader suggestions on how to conserve. You may write only on the given lines.

[illegible]